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Grade 7: Math  
1.5: Decimal Addition and Subtraction

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**Adding (or subtracting) decimals:**

1. Align the decimal point for both fractions.
2. Add zeros to make both numbers have the same number of decimal values.
3. Add (subtract) as usual.

Examples:

a)  $3.45 + 1.2$

$$\begin{array}{r} 3.45 \\ + 1.20 \\ \hline \end{array}$$

b)  $12 - 4.899$

$$\begin{array}{r} 12.000 \\ - 4.899 \\ \hline \end{array}$$

Evaluate:

a.  $12.3 + 4.2$

d.  $32.3 - 20.9$

i.  $6.721 - 4.56$

b.  $7.04 + 5$

e.  $16 - 3.86$

j.  $3.6 + 5.93 + 7$

c.  $23.34 + 5.7$

f.  $8.37 - 8$

k.  $100 - 34.65$

Word Problems:

1. Jade buys 2.5kg of apples and 3.235 kg of sugar. What is total weight of her bag?
2. Ms. Philip has a \$20 Tim Horton's gift card. She spends 3.49 one morning on coffee. What is the balance on the card.
3. Tori is 1.54m tall while her brother is 1.575 m tall. Who is taller? By how much?